PRODUCT INFORMATION

Target	FGF21
Synonyms	Fibroblast growth factor 21, FGF-21
Description	Recombinant human FGF21 Protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	Q9NSA1
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	FGF21(His29-Ser209) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 20.8 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	Theis gene encodes a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes. This protein is a secreted endocrine factor that functions as a major metabolic regulator. The encoded protein stimulates the uptake of glucose in adipose tissue. [provided by RefSeq, Mar 2016]
Usage	Research use only
Conjugate	Unconjugated

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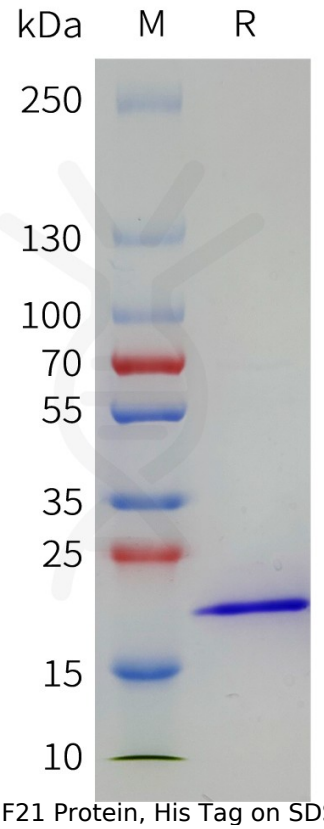


Figure 1. Human FGF21 Protein, His Tag on SDS-PAGE under reducing condition.

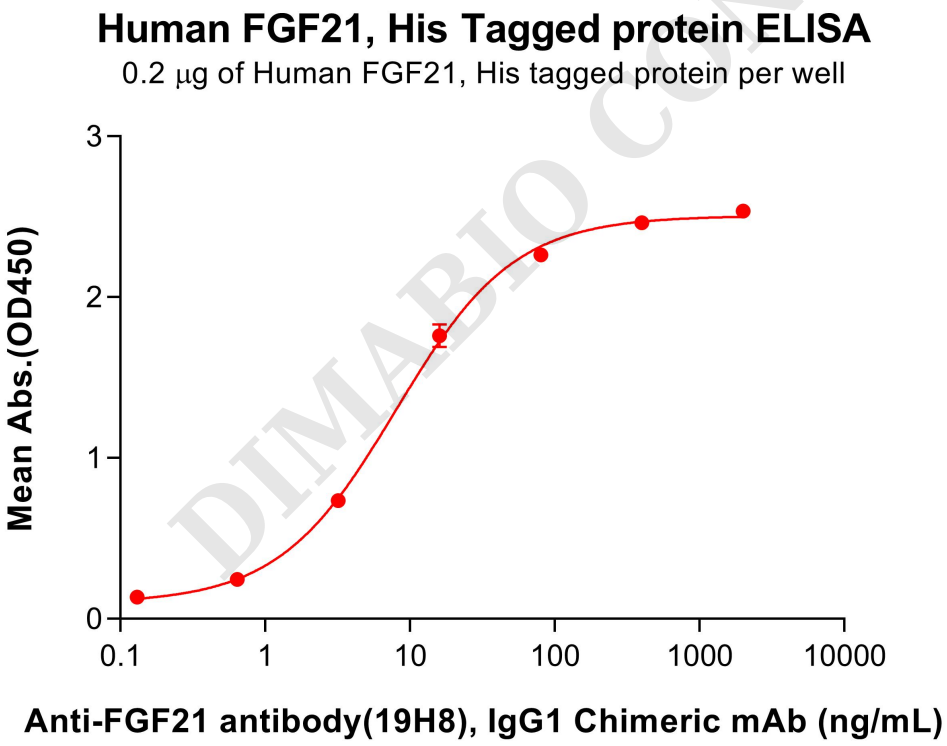


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human FGF21 Protein, His Tag (PME101791) can bind Anti-FGF21 antibody(19H8), IgG1 Chimeric mAb (DMC101231) in a linear range of 3.2–16 ng/mL.

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